

Converting Colors

$Yxy(73.6369, 0.3029, 0.2878)$

Have a look what the booklet for
Yxy(73.6369, 0.3029, 0.2878)
contains.

Yxy(73.4903, 0.3027, 0.2876)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.4903, 0.3027, 0.2876)

Conversions

Conversions Part 1

Format	Color
Hex	EED6FF
RGB	238, 214, 255
RGB Percent	93%, 84%, 100%
CMY	0.0667, 0.1607, 0.0001
CMYK	0.07, 0.16, 0.00, 0.00
HSL	275°, 100%, 92%
HSV	275°, 16%, 100%
XYZ	77.3488, 73.4903, 104.6905
YIQ	225.8500, 1.1430, 17.8390

Conversions

Conversions Part 2

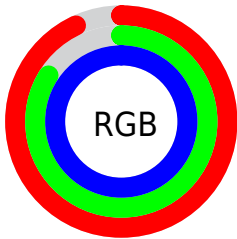
Format	Color
R _Y B	238, 214, 255
Decimal	15652607
CIE _{Lab}	88.68, 15.60, -16.91
CIE _{LCh}	89, 23.010, 312.685
Y _{xy}	73.4903, 0.3027, 0.2876
Android (android.graphics.Color)	4293842687 (0xFFEED6FF)
YUV	225.8500, 14.3710, 10.6556
Hunter-Lab	85.7265, 11.0346, -12.3973

Details

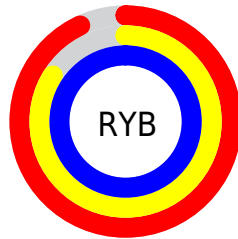
The Yxy color **73.4903, 0.3027, 0.2876** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **93.3459, 0.3214, 0.3710**, and the grayscale version is **75.8331, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8186, 0.3004, 0.2784** is the 20% darker color. If you saturate the color by 10%, you get **59.8042, 0.2950, 0.2597**, and if you desaturate by 10%, it is **89.3101, 0.3093, 0.3140**.

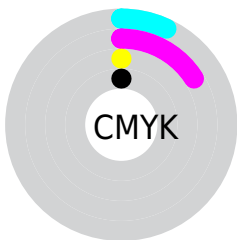
Distribution



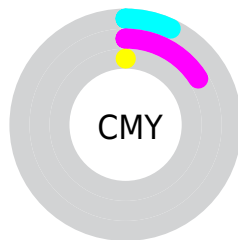
- Red (93%)
- Green (84%)
- Blue (100%)



- Red (93%)
- Yellow (84%)
- Blue (100%)



- Cyan (7%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)





- Cyan (7%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.4903, 0.3027, 0.2876 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 73.4903, 0.3027, 0.2876 by changing the saturation by 10% instead.


 73.4903, 0.3027,
0.2876

 73.4903, 0.3027,
0.2876


472.7124, 0.3075,
0.3062

 54.3770, 0.3016,
0.2835


124.1730, 0.3044,
0.2939

 38.9031, 0.3001,
0.2785


156.5112, 0.3051,
0.2964

 26.6844, 0.2983,
0.2723


194.0264, 0.3056,
0.2986

 17.3363, 0.2959,
0.2644

237.1031, 0.3061,
0.3005

 10.4746, 0.2925,
0.2539

286.1256, 0.3065,
0.3021

 5.7147, 0.2875,
0.2395

341.4784, 0.3069,

 2.6724, 0.2796,

0.3036

0.2184

403.5459, 0.3072,
0.3050

0.9632, 0.2651,
0.1850

0.0000, 0.1911,
0.0000

73.4903, 0.3027,
0.2876

73.4903, 0.3027,
0.2876

59.8042, 0.2950,
0.2597

89.3101, 0.3093,
0.3140

48.1469, 0.2863,
0.2308

99.9981, 0.3127,
0.3290

38.4186, 0.2765,
0.2019

30.5069, 0.2658,
0.1743

■ 24.2877, 0.2546,
0.1492

■ 19.6207, 0.2432,
0.1280

■ 16.3416, 0.2322,
0.1117

■ 14.2474, 0.2220,
0.1008

■ 13.6301, 0.2182,
0.0976

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.4903, 0.2784, 0.2832



73.4903, 0.3027, 0.2876



73.4903, 0.3308, 0.3018

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.4903, 0.3027, 0.2876



73.4903, 0.3640, 0.3660



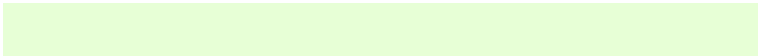
73.4903, 0.2720, 0.3335

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



73.4903, 0.3027, 0.2876



93.3459, 0.3214, 0.3710

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.4903, 0.2935, 0.3587



73.4903, 0.3027, 0.2876



73.4903, 0.3468, 0.3774

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4903, 0.3027, 0.2876



73.4903, 0.3671, 0.3458



73.4903, 0.3208, 0.3751



73.4903, 0.2613, 0.3083

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.4903, 0.3027, 0.2876



73.4903, 0.3477, 0.3152



73.4903, 0.3208, 0.3751



73.4903, 0.2782, 0.3424

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



73.4934, 0.3027, 0.2876



91.1442, 0.3099, 0.3166



78.7129, 0.2872, 0.3040



19.2518, 0.3095, 0.3149



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.4934, 0.3027, 0.2876



69.2745, 0.3006, 0.2795



76.3552, 0.3169, 0.2923



17.9030, 0.3071, 0.3051



7.2135, 0.2197, 0.0984



0.7665, 0.2309, 0.1046

Inverse Universe

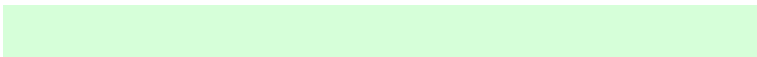
The Inverse Universe completely reimagines the original color for something new.



75.1244, 0.3311, 0.3121



71.1942, 0.3351, 0.3088



90.8318, 0.3088, 0.3687



18.1120, 0.3229, 0.3192



11.6778, 0.5324, 0.2706



1.1582, 0.5028, 0.2543

Previews

White Background



This preview shows how the Yxy color 73.4903, 0.3027, 0.2876 looks on a white background.

Color Contrast Check

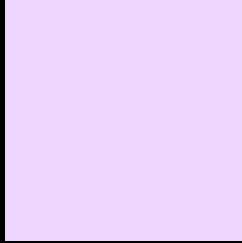
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 73.4903, 0.3027, 0.2876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

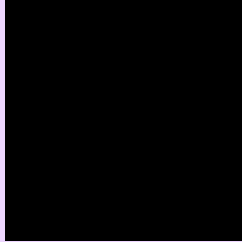
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

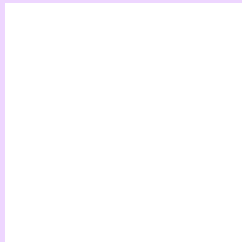
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.4903, 0.3027, 0.2876

Background



This preview shows how black text looks on a background with the Yxy color 73.4903, 0.3027, 0.2876.

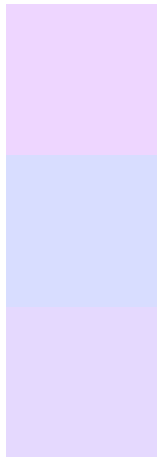


This preview shows how white text looks on a background with the Yxy color 73.4903, 0.3027, 0.2876.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

73.4903, 0.3027, 0.2876

Protanopia

73.5318, 0.2880, 0.2932

Deuteranopia

73.4395, 0.2972, 0.2909



Tritanopia

73.8031, 0.3135, 0.3113

Trichromacy



Original Color

73.4903, 0.3027, 0.2876

Protanomaly

73.2101, 0.2932, 0.2906

Deuteranomaly

73.4233, 0.2992, 0.2901

Tritanomaly

73.8694, 0.3097, 0.3033

Monochromacy



Original Color

73.4903, 0.3027, 0.2876

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.1800, 0.3086, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4903, 0.3027, 0.2876 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(238, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 214, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(238, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 214, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.4903, 0.3027, 0.2876 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 214, 255) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(238, 214, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(238, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 214,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4903, 0.3027, 0.2876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 214, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(238,  
214, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor